Message from the General Chairs

CollaborateCom is an annual international forum for dissemination of original ideas and research results in collaborative computing networks, systems, and applications. A major goal and feature of CollaborateCom is to bring together researchers from networking, systems, CSCW, and collaborative learning and education areas. CollaborateCom 2010 in Chicago, USA is the sixth conference of the series and it reflects the accelerated growth of collaborative computing, both as research and application area.

Recent advances in many computing fields have contributed to the growing interconnection of our world, including multi-core architectures, 3G/4G wireless networks, Web 2.0 technologies, social web, and cloud computing, just to mention a few. The potential for collaboration among various entities such as software, applications, systems and people now exceeds the capabilities of traditional approaches to system integration and interoperability by far. As the world heads towards unlimited connectivity and global computing, collaboration becomes one of the fundamental challenges for areas as diverse as eCommerce, eGovernment, eScience, and the storage, management, and access of information through the space and time dimensions. We view collaborative computing as the glue that brings the components together and makes them work together. The conference and its community of researchers demonstrate the concrete progress we are making towards this vision.

The conference would not be successful without the help from so many people. We would like to thank the organization committee for their hard work to put together the conference. First, we would like to express our deep gratitude to our Program Chairs: Prof. Le Gruenwald from University of Oklahoma, USA, who is currently with the US National Science Foundation, and Prof. Songqing Chen from George Mason University, USA. Together with their program committee, they have assembled a strong program from submissions and invited papers. The other committee members made similarly important contributions, including the panel chairs: Prof. Ling Liu of Georgia Institute of Technology, USA, and Prof. Jörg Haake of Fernuniversität in Hagen, Germany; the workshop chairs: Prof. Barbara Carminati of the University of Insubria, Italy, and Lakshmish Ramaswamy of the University of Georgia, USA; the industry program chairs: Tao Zhang, Telcordia Technologies, USA and Zoran Despotovic, DOCOMO Euro-Labs, Germany; the sponsorship chair Dimitrios Georgakopoulos of CSIRO, Australia; the publications chair Prof. Anna Squicciarini of Penn State University, USA; and the publicity chair Prof. Heri Ramampiaro, NTNU, Norway.

Finally, we would like to express our special thanks to our conference coordinator, Gergely Nagy of ICST, and our webmaster Amirreza Masoumzadeh, University of Pittsburgh, for their hard work. We also thank the steering committee of CollaborateCom, particularly Prof. Imrich Chlamtac of University of Trento, Italy (chair), and Prof. Ling Liu of Georgia Institute of Technology, USA. Without the support and dedication from these volunteers, we would not be able to assemble such an interesting and attractive conference program.

In our efforts to increase the quality of the conference, we had introduced last year the Best Paper award and the Student Travel supports which we continue this year. We express our deep gratitude to Dimitrios Georgakopoulos and CSIRO ICT, Australia for providing a generous support for the Student Travel; with the support from CSIRO we were able to award Student Travel support for eight students this year.

Chicago, USA, October 9, 2010

General Co-Chairs,

Karl Aberer
EPFL

James Joshi
University of Pittsburgh, USA
Message from the Program Chairs

On behalf of the Program Committee of the Sixth International Conference on Collaborative Computing: Networking, Applications and Worksharing (CollaborateCom-2010), it is our honor to welcome you to CollaborateCom-2010 in Chicago, Illinois. It has been a great pleasure as Program Committee Co-Chairs to help organize this year’s impressive scientific and technical program and technical proceedings. The proceedings contain papers selected as well as invited for presentation at the conference and the affiliated workshop. We hope these proceedings will serve as a valuable reference for both the academic and industrial communities.

This year’s conference has been jointly sponsored by Create-Net, ICST, and IEEE Computer Society. CISRO has provided the student travel grant support. CollaborateCom serves as the principal international forum for bringing together academic and industrial researchers, practitioners, and students interested in systems, networks, and applications that support collaboration. This year, the Technical Program Committee selected twenty-three regular papers (the acceptance rate of 37%) after a rigorous review and a follow up discussion. Each paper was reviewed by three to five reviewers. The authors were asked to address each and every comment made by the referees for improving the quality of their papers. The program includes two keynote speeches, two panels, and sixteen technical sessions that cover a wide range of research and development efforts in collaborative computing.

We would like to thank many dedicated people who contributed to the success of this event. In particular, we want to express our gratitude to the Program Committee members and the external referees. Their diligent work in reviewing the papers and participating in follow up discussions has been instrumental in raising the quality of the accepted papers. We extend our sincere and deepest gratitude to Panel Chairs: Prof. Ling Liu, Georgia Institute of Technology, USA and Prof. Jörg Haake, Fernuniversität Hagen, Germany; Workshop Chairs: Prof.

Barbara Carminati, University of Insubria, Italy and Prof. Lakshmish Ramaswamy, University of Georgia, USA; Industry Program Chairs: Dr. Tao Zhang, Telcordia Technologies, USA and Dr. Zoran Despotovic, DOCOMO Euro-Labs, Germany; Sponsorship Chair: Dr. Dimitrios Georgakopoulos, CSIRO, Australia; Publication Chair: Prof. Anna Squicciarini, Pennsylvania State University, USA; and Publicity Chair: Prof. Heri Ramampiaro, NTNU, Norway.

Our appreciation also goes to the Keynote Speakers, Dr. Daniel M. Dias who is currently Director of Service Product Technologies at IBM T.J. Watson Research Center, USA and Dr. Venu Vasudevan, Senior Director of Software Platforms Research, Motorola, USA, and the panelists for sharing their insights and experiences with the conference attendees. We also extend special thanks to the organizers of the TrustCol-2010 workshop, Dr. William Claycomb, Sandia National Labs, USA and Prof. Dongwan Shin of New Mexico Technology, USA, for their effort in organizing the event complementing CollaborateCom.

We would like to express our deepest thanks to the General Chairs, Prof. James Joshi of University of Pittsburgh, USA and Prof. Karl Aberer, EPFL, Switzerland, as well as the steering committee of the CollaborateCom, in particular, Prof. Ling Liu of Georgia Institute of Technology, USA, for their continuous help/feedback and unequivocal support throughout the year, without which this conference could not have been brought to fruition. Our gratitude also goes to the Conference Coordinator and Finance Chair, Gergely Nagy of ICST, and other members of the ICST technical and publication team, who did all the hard work.

Finally and most importantly, we want to thank the authors for submitting excellent papers; it is because of their work that we have an outstanding program covering a variety of important topics in the area of collaborative systems, applications and technologies.

Le Gruenwald
National Science Foundation and University of Oklahoma, USA

Songqing Chen
George Mason University, USA